(B)

BRUHAT BANGALORE MAHANAGARA PALIKE

Name of the Work : Comprehensive Development for Roads and Drains In Ward No. 7 And 8 Under CMC & TMC Grants, Kodigehalli Sub-Division, Yelahanka Zone, Byatarayanapura Division.

BYATARAYANAPURA DIVISION

TOTAL ABSTRACT

WARD NO :- 07

6th and FINAL BILL

TEJUS CONSULTANTS
CONSULTING ENGINEERS AND DESIGNERS
No.58 MIG, 6th Cross, 3rd Main
1st Stage, Basaveshwaranagar
Bangalore-560079
☎ 080 - 23287532
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Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

TOTAL ABSTRACT

Name Of work : -Comprehensive Development for Roads and Drains In Ward No. 7 And 8 Under CMC & TMC Grants, Kodigehalli Sub-Division, Yelahanka Zone, Byatarayanapura Division.

Job Code :- 007-16-000035,007-16-000036,007-16-000037,007-16-000038,007-16-000039,007-16-000040,008-16-000033,008-16-000034,008-16-000035, 26621

Name of Agency :- M/s.Ram and Company

Bill No :6th and Final Bill

BOQ Item No	Description	Unit		Qty	Rate	Amount	Remarks
1	**KSRRB M300-1. Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specification. MORTH / Chapter 3 with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work**						
	Hoodi Layout , BGS Layout & Project Office Amruthahalli			24.12			
	Present Qty			24.12			
	Previous Bill Qty			7972.23			
	Total			**7996.35**			
	BOQ qty			**7996.35**			
	Qty for payment	**Cum**		**24.12**	**196.27**	**4734.00**	
2	**Removing and Resetting of Footpath Slab with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work**						
	Hoodi Layout , BGS Layout & Project Office Amruthahalli			0.00			
	Present Qty			0.00			
	Previous Bill Qty			612.36			
	Total			**612.36**			
	BOQ qty			**613.85**			
	Qty for payment	**Sqm**		**0.00**	**139.13**	**0.00**	
3	**Removing & Refixing Stone slabs of drains and Pointing in C.M(1:3) with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work**						
	Hoodi Layout , BGS Layout & Project Office Amruthahalli			31.05			
	Present Qty			31.05			
	Previous Bill Qty			6209.91			
	Total			**6240.96**			
	BOQ qty			**6241.84**			
	Qty for payment	**Sqm**		**31.05**	**84.59**	**2627.00**	

Consultant

Contractor

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
Yelahanka Zone, B.B.M.P
Bangalore.

BOQ Item No	Description	Unit		Qty	Rate	Amount	Remarks
4	**Providing granite Slabs of Selected quality roughly dressed and fixed in cement mortor (1:6) including fixing curing etc,. Complete. 7.5cms thick with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work**						
	Hoodi Layout , BGS Layout & Project Office Amruthahalli			225.45			
	Present Qty			225.45			
	Previous Bill Qty			569.44			
	Total			**794.89**			
	BOQ qty			**795.17**			
	Qty for payment	**Sqm**		**225.45**	**698.96**	**157581.00**	
5	**Providing granite Slabs of Selected quality roughly dressed and fixed in cement mortor (1:6) including fixing curing etc,. Complete. 10cms thick with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work**						
	Hoodi Layout , BGS Layout & Project Office Amruthahalli			19.98			
	Present Qty			19.98			
	Previous Bill Qty			244.74			
	Total			**264.72**			
	BOQ qty			**265.14**			
	Qty for payment	**Sqm**		**19.98**	**867.03**	**17323.00**	
6	**KSRB 2.8 : Providing and Filling in foundation with granite / trap broken metal 100mm. and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift. complete as per specifications. specification. No. KBS with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work**						
	Hoodi Layout , BGS Layout & Project Office Amruthahalli			0.00			
	Present Qty			0.00			
	Previous Bill Qty			112.77			
	Total			**112.77**			
	BOQ qty			**112.80**			
	Qty for payment	**Cum**		**0.00**	**2,352.88**	**0.00**	
7	**KSRB 4-1.2: Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.892 cum and fine aggregates @ 0.465 cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work**						

Consultant Contractor Assistant Engineer Assistant Executive Engineer

Assistant Executive Engin
Kodigehalli Sub Divisio
Yelahanka Zone, B.B.M.
Bangalore.

BOQ Item No	Description	Unit		Qty	Rate	Amount	Remarks
	Hoodi Layout , BGS Layout & Project Office Amruthahalli			9.49			
	Present Qty			9.49			
	Previous Bill Qty			454.76			
	Total			**464.25**			
	BOQ qty			**464.26**			
	Qty for payment	**Cum**		**9.49**	**5616.20**	**53298.00**	
8	**KSRB 4-6.1: Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specifications. Specifcation No. KBS 4.6.2 with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work**						
	Hoodi Layout , BGS Layout & Project Office Amruthahalli			0.00			
	Present Qty			0.00			
	Previous Bill Qty			70.00			
	Total			**70.00**			
	BOQ qty			**70.00**			
	Qty for payment	**Sqm**		**0.00**	**257.10**	**0.00**	
9	**KSRB 4-6.4: Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surfaces such as walls at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specifications. Specification No.KBS 4.6.2 with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work**						
	Hoodi Layout , BGS Layout & Project Office Amruthahalli			0.00			
	Present Qty			0.00			
	Previous Bill Qty			840.00			
	Total			**840.00**			
	BOQ qty			**840.00**			
	Qty for payment	**Sqm**		**0.00**	**326.11**	**0.00**	
10	**KSRB 4-6.3 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness above 200 mm including cost of all materials, labour complete as per Specification. Specification No. KBS 4.6.2 with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work**						
	Hoodi Layout , BGS Layout & Project Office Amruthahalli			0.00			
	Present Qty			0.00			
	Previous Bill Qty			296.00			
	Total			**296.00**			

Consultant

Contractor

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.
Bangalore.

BOQ Item No	Description	Unit		Qty	Rate	Amount	Remarks
	BOQ qty			296.00			
	Qty for payment	**Sqm**		**0.00**	**427.39**	**0.00**	
11	**Providing and laying cement concrete using 20mm and downsize granite coarse aggregates and fine aggregates of ready mixed concrete (RMC) for RCC works laid in 15cms thick layers and well compacted vibrating, curing, finishing with necessary cement mortar, with all lead and lifts etc., complete (exclusive of cpost of steel and fabricaton charges) Ready Mixed Cement Concrete M 20 for Raft foundation, Column, Footing, main and secondary beams. with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work**						
	Hoodi Layout , BGS Layout & Project Office Amruthahalli			10.14			
	Present Qty			10.14			
	Previous Bill Qty			325.85			
	Total			**335.99**			
	BOQ qty			**340.32**			
	Qty for payment	**Cum**		**10.14**	**6543.33**	**66340.00**	
12	**Providing laying plain/ reinforced cement concrete M20 Grade for Box Drain walls of thickness 10cm to 20cm including centering shuttering for work etc. complete as per approved drawing and design MORTH specification No. 1500, 1700, 2200. with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work**						
	Hoodi Layout , BGS Layout & Project Office Amruthahalli			0.00			
	Present Qty			0.00			
	Previous Bill Qty			92.23			
	Total			**92.23**			
	BOQ qty			**92.26**			
	Qty for payment	**Cum**		**0.00**	**11584.10**	**0.00**	
13	**KSRB - 4.9.2: Providing TMT steel reinforcement Fe500 for R.C.C work including straightening, cutting, bending, hooking, palcing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining memebrs wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3. with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work**						
	Hoodi Layout , BGS Layout & Project Office Amruthahalli			0.00			
	Present Qty			0.00			
	Previous Bill Qty			29.26			
	Total			**29.26**			
	BOQ qty			**30.42**			
	Qty for payment	***Tonne***		**0.00**	**77375.76**	**0.00**	

Consultant Contractor Assistant Engineer Assistant Executive Engineer

Assistant Executive Engin
Kodigehalli Sub Divisio
Yelahanka Zone, B.B.M.
Bangalore.

BOQ Item No	Description	Unit		Qty	Rate	Amount	Remarks
14	**KSRB 5-11 : Providing and constructing load bearing wall with solid concrete blocks of size 400x150x200 mm having block density not lessthan 1800 kg/m3 and having a minimum average compressive strength 4.00 N/mm2 confirming to IS 2185 (Part) : 2005 and constructed with CM 1:4 , as per IS 2572:2005 including cost of all materials, labour charegs, scaffolding, curing complete as per specifications. KBS No.5.4 with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work**						
	Hoodi Layout , BGS Layout & Project Office Amruthahalli			0.00			
	Present Qty			0.00			
	Previous Bill Qty			303.52			
	Total			**303.52**			
	BOQ qty			**304.00**			
	Qty for payment	**Sqm**		**0.00**	**1009.49**	**0.00**	
15	**KSRB 5.2-3 : Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work**						
	Hoodi Layout , BGS Layout & Project Office Amruthahalli			12.82			
	Present Qty			12.82			
	Previous Bill Qty			4.46			
	Total			**17.28**			
	BOQ qty			**17.28**			
	Qty for payment	**Cum**		**12.82**	**4660.13**	**59743.00**	
16	**KSRB 15.1.1 Providing flush pointing to square rubble, course or uncoursed stone masonry with cement mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications. with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work**						
	Hoodi Layout , BGS Layout & Project Office Amruthahalli			21.36			
	Present Qty			21.36			
	Previous Bill Qty			7.44			
	Total			**28.80**			
	BOQ qty			**28.80**			
	Qty for payment	**Sqm**		**21.36**	**107.96**	**2306.00**	

Consultant

Contractor

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engi
Kodigehalli Sub Divisio
Yelahanka Zone, B.B.M.
Bangalore.

BOQ Item No	Description	Unit		Qty	Rate	Amount	Remarks
17	**KSRB 4-1.6 ; Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregtes @ 0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, ncluding cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work**						
	Hoodi Layout , BGS Layout & Project Office Amruthahalli			4.26			
	Present Qty			4.26			
	Previous Bill Qty			57.33			
	Total			**61.59**			
	BOQ qty			**80.07**			
	Qty for payment	**Cum**		**4.26**	**6055.83**	**25779.00**	
18	**Providing and fixing Ms gratings 260 mmx 260 mm for Shoulder Drains with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work**						
	Hoodi Layout , BGS Layout & Project Office Amruthahalli			0.00			
	Present Qty			0.00			
	Previous Bill Qty			46.00			
	Total			**46.00**			
	BOQ qty			**60.00**			
	Qty for payment	**Each**		**0.00**	**93.45**	**0.00**	
19	**Providing and fixing M S Grating with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work**						
	Hoodi Layout , BGS Layout & Project Office Amruthahalli			0.00			
	Present Qty			0.00			
	Previous Bill Qty			0.00			
	Total			**0.00**			
	BOQ qty			**1.76**			
	Qty for payment	**Sqm**		**0.00**	**6979.35**	**0.00**	
20	**Providing and fixing RCC Precast cover slab of 100mm thick for drain in cement concrete M20 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge. (Data Rate) with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work**						

Consultant Contractor Assistant Engineer Assistant Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
Yelahanka Zone, B.B.M.P.,
Bangalore.

BOQ Item No	Description	Unit		Qty	Rate	Amount	Remarks
	Hoodi Layout , BGS Layout & Project Office Amruthahalli			39.96			
	Present Qty			39.96			
	Previous Bill Qty			98.04			
	Total			**138.00**			
	BOQ qty			**138.01**			
	Qty for payment	**Sqm**		**39.96**	**1907.85**	**76238.00**	
21	**Providing and fixing RCC Precast cover slab of 250mm thick for drain in cement concrete M20 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge. (Data Rate) with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work**						
	Hoodi Layout , BGS Layout & Project Office Amruthahalli			12.60			
	Present Qty			12.60			
	Previous Bill Qty			34.20			
	Total			**46.80**			
	BOQ qty			**46.80**			
	Qty for payment	**Sqm**		**12.60**	**5582.85**	**70344.00**	
22	**KSRRB M300- Scarifying Existing Granular Surface to a Depth of 50mm by Manual Means. KSRRB M300-52.1. Scarifying the existing granular road surface to a depth of 50mm and disposal of scarified material and complete as per specifications. MORTH Specification No. 305.4.3 with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work**						
	Hoodi Layout , BGS Layout & Project Office Amruthahalli			0.00			
	Present Qty			0.00			
	Previous Bill Qty			1952.30			
	Total			**1952.30**			
	BOQ qty			**2402.00**			
	Qty for payment	**Sqm**		**0.00**	**48.36**	**0.00**	
23	**KSRRB M300-14. Excavation for roadwork in soil with hydraulic excavator of 0.90 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to embankment location and complete as per specifications. MORTH Specification No.301 with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work**						
	Hoodi Layout , BGS Layout & Project Office Amruthahalli			230.94			
	Present Qty			230.94			
	Previous Bill Qty			2050.02			

Consultant

Contractor

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
Yelahanka Zone, B.B.M.P
Bangalore.

BOQ Item No	Description	Unit		Qty	Rate	Amount	Remarks
	Total			2280.96			
	BOQ qty			2282.20			
	Qty for payment	**Cum**		**230.94**	**156.20**	**36073.00**	
24	**KSRRB M 400-17, Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechaniqal mix plant carriage ' of mixed Material by tipper to site, laying in uniform layers with paver in sub- base/ base course on well prepared surface and compacting with vibratory roller to achieve the desired density.complete as per specifications. MORTH Specification No. 406 with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work**						
	Hoodi Layout , BGS Layout & Project Office Amruthahalli			121.85			
	Present Qty			121.85			
	Previous Bill Qty			1902.45			
	Total			**2024.30**			
	BOQ qty			**2034.18**		226212	
	Qty for payment	**Cum**		**121.85**	**1856.48**	**226217.00**	
25	**KSRRB M 500-6, Providing and applying primer coat with SS bitumen emulsion on prepared surface of granular Base such as WBM WMM including clearing of road surface and spraying primer at the rate of 0.60 kglsqm using mechanical means complete as per specifications. As per MORTH specification clause No. 502 with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work**						
	Hoodi Layout , BGS Layout & Project Office Amruthahalli			0.08			
	Present Qty			0.08			
	Previous Bill Qty			7354.80			
	Total			**7354.88**			
	BOQ qty			**7354.88**		2.49	
	Qty for payment	**Sqm**		**0.08**	**31.16**	**2.00**	
26	**KSRRB 500-2: Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatement including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH Spec, Chapter 5 with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work**						
	Hoodi Layout , BGS Layout & Project Office Amruthahalli			602.37			
	Present Qty			602.37			
	Previous Bill Qty			43308.92			
	Total			**43911.29**			
	BOQ qty			**45011.12**			

Consultant

Contractor

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

BOQ Item No	Description	Unit		Qty	Rate	Amount	Remarks
	Qty for payment	**Sqm**		**602.37**	**3.34**	**2012.00**	
27	**KSRRB M500-7 : Providing and applying tack coat using 80/100 grade bitumen (VG10) on prepared black topped surfaces at 2.5 Kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications.MORTH / Chapter 5 with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work**						
	Hoodi Layout , BGS Layout & Project Office Amruthahalli			1675.79			
	Present Qty			1675.79			
	Previous Bill Qty			57696.88			
	Total			**59372.67**			
	BOQ qty			**59894.00**			
	Qty for payment	**Sqm**		**1675.79**	**13.36**	**22388.00**	
28	**KSRRB M500-16. Providing and laying dense bituminous macadam 50-75mm compacted thickness with 4.5% VG-30 Bitumen using 40/60 TPH capacity H.M.P, using crushed aggregates of grading II, premixed with VG 30 grade bituminous binder and transporting the hot mix to work site, laying with mechanical paver to the required grade level and alignment rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH table 500-10, complete in all respects complete as per specification MORTH specification No. 507 with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work**						
	Hoodi Layout , BGS Layout & Project Office Amruthahalli			38.20			
	Present Qty			38.20			
	Previous Bill Qty			329.75			
	Total			**367.95**			
	BOQ qty			**375.70**		282225	
	Qty for payment	**Cum**		**38.20**	**7388.09**	**282219.00**	

Consultant

Contractor

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
Yelahanka Zone, B.B.M.P
Bangalore.

BOQ Item No	Description	Unit		Qty	Rate	Amount	Remarks
29	**KSRRB M500-19. Providing and laying bituminous concrete 30-40 mm compacted thickness with VG30 Bitumen grade using 40-60 HMP using crushed aggregates of grading II, premixed with bituminous binder at 5.4% of mix and filler, transporting the hot mix to work site, laying with a mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRT&H specification clause No. 500.9 complete in all respects as per specifications. MORTH Specification No. 509 with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work**						
	Hoodi Layout , BGS Layout & Project Office Amruthahalli			36.32			
	Present Qty			36.32			
	Previous Bill Qty			2058.33			
	Total			**2094.65**			
	BOQ qty			**2094.64**		305607	
	Qty for payment	**Cum**		**36.32**	**8414.28**	**305590.00**	
				36.31		305523	
30	**Cement concrete pavement.Construction of un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base with OPC cement or any other type as per clause 1051.2.2 design mix M20/M30 , with 25mm and down size graded granite metal coarse aggregates and fine aggregtes , with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008 , mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal**						
	Hoodi Layout , BGS Layout & Project Office Amruthahalli			0.00			
	Present Qty			0.00			
	Previous Bill Qty			283.98			
	Total			**283.98**			
	BOQ qty			**284.00**			
	Qty for payment	**Cum**		**0.00**	**6528.86**	**0.00**	
31	**Vaccum de-watering with vaccum pump and suction mat and compaction with skin floater clubbed with floating disc including cost of generator, HOM of machinery, Screed Vibratory, Power Floater, blade and disc etc., with all lead and lift.(with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work**						
	Hoodi Layout , BGS Layout & Project Office Amruthahalli			0.00			
	Present Qty			0.00			
	Previous Bill Qty			1968.57			

Consultant Contractor Assistant Engineer Assistant Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.
Bangalore.

BOQ Item No	Description	Unit		Qty	Rate	Amount	Remarks
	Total			1968.57			
	BOQ qty			2165.00			
	Qty for payment	**Sqm**		**0.00**	**100.17**	**0.00**	
32	**Providing and fixing Pre cast solid concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting, including formwork, curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc., complete with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and**						
	Hoodi Layout , BGS Layout & Project Office Amruthahalli			0.00			
	Present Qty			0.00			
	Previous Bill Qty			684.44			
	Total			**684.44**			
	BOQ qty			**700.00**			
	Qty for payment	**Nos**		**0.00**	**348.37**	**0.00**	
33	**KSRRB 800-1. Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications. MORTH Chapter 8 with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work**						
	Hoodi Layout , BGS Layout & Project Office Amruthahalli			0.00			
	Present Qty			0.00			
	Previous Bill Qty			270.20			
	Total			**270.20**			
	BOQ qty			**110.25**			
	Qty for payment	**Sqm**		**0.00**	**66.79**	**0.00**	
					66.79		
34	**KSRRB M400-19: Construction of Median and island above road level with approved material deposited from borrowpits, spread, sloped and compacted as per Clause 400.7 complete as per specifications. MORTH Specification No.407 with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work**						
	Hoodi Layout , BGS Layout & Project Office Amruthahalli			0.00			
	Present Qty			0.00			
	Previous Bill Qty			467.92			
	Total			**467.92**			
	BOQ qty			**646.50**			
	Qty for payment	**Cum**		**0.00**	**219.26**	**0.00**	

Consultant Contractor Assistant Engineer Assistant Executive Engineer

Kodigehalli Sub Division
Yelahanka Zone, B.B.M.P
Bangalore.

BOQ Item No	Description	Unit		Qty	Rate	Amount	Remarks
35	**KSRB 14.6-1: Providing and laying heavy duty cobble stones 60mm thick interlock pavers, using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of 281 kg per sqm over 50mm thick sand bed (average thickness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level, including cost of materials, labour and HOM of machineries complete as per specifications. Specification No. KBS. with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work**						
	Hoodi Layout , BGS Layout & Project Office Amruthahalli			168.48			
	Present Qty			168.48			
	Previous Bill Qty			2744.67			
	Total			**2913.15**			
	BOQ qty			**2913.15**			
	Qty for payment	**Sqm**		**168.48**	**1015.06**	**171017.00**	
36	**KSRB 14.6-1: Providing and resetting of available heavy duty cobble stones 60mm thick interlock pavers, using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of 281 kg per sqm over 50mm jOints, final compaction of paver surface joints into its final level, includingthick sand bed (average thickness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between labour and HOM of machineries complete as per specifications with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work**						
	Vaccum de-watering with vaccum pump and suction mat and			0.00			
	Present Qty			0.00			
	Previous Bill Qty			161.85			
	Total			**161.85**			
	BOQ qty			**161.85**			
	Qty for payment	**Sqm**		**0.00**	**447.43**	**0.00**	
37	**KSRRB M800-13. Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH Specification No. 803. with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work**						

Consultant

Contractor

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

BOQ Item No	Description	Unit		Qty	Rate	Amount	Remarks
	Providing and fixing Pre cast solid concrete kerb stones made out of			0.00			
	Present Qty			0.00			
	Previous Bill Qty			1426.01			
	Total			**1426.01**			
	BOQ qty			**1751.75**			
	Qty for payment	**Sqm**		**0.00**	**569.86**	**0.00**	
	GRAND TOTAL					**1581831.00**	
						1581849.39	

1581849.39

Consultant

Contractor

Assistant Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
Yelahanka Zone, B.B.M.P.
Bangalore.